

**AMENDMENTS TO THE SPECIFICATION**

**Please replace paragraph no. [0035] with the following amended paragraph:**

[0035] One exemplary implementation of the present invention provides a boundary-scan device. The boundary-scan device ~~to a macro,~~ comprises:

a plurality of signal paths connected to a ~~the~~ macro, each having a data signal input end and a data signal output end for signal transmission during normal mode operations; and

a plurality of ~~circuitries~~ circuits for said plurality of signal paths, respectively, each having capability of capturing a signal transmission event that a signal has past through one of said plurality of signal paths during test mode operations.